

**§75.1714-5 Map locations of self-contained self-rescuers (SCSR).**

The mine operator shall indicate the locations of all stored SCSRs on the mine maps required by §§75.1200 and 75.1505 of this part.

[71 FR 71454, Dec. 8, 2006]

**§75.1714-6 Emergency tethers.**

At least one tether, which is a durable rope or equivalent material designed to permit members of a mine crew to link together while evacuating the mine during an emergency, shall be provided and stored with the additional SCSRs on the fixed work location and on the mobile equipment required in §§75.1714-4(a)(1) and (b) of this part.

[71 FR 71454, Dec. 8, 2006]

**§75.1714-7 Multi-gas detectors.**

(a) *Availability.* A mine operator shall provide an MSHA-approved, handheld, multi-gas detector that can measure methane, oxygen, and carbon monoxide to each group of underground miners and to each person who works alone, such as pumpers, examiners, and outby miners.

(b) *Qualified person.* At least one person in each group of underground miners shall be a qualified person under §75.150 of this part and each person who works alone shall be trained to use the multi-gas detector.

(c) *Maintenance and calibration.* Multi-gas detectors shall be maintained and calibrated as specified in §75.320 of this part.

[71 FR 71454, Dec. 8, 2006]

**§75.1714-8 Reporting SCSR inventory and malfunctions; retention of SCSRs.**

(a) *SCSR inventory.* A mine operator shall submit to MSHA a complete inventory of all SCSRs at each mine. New mines shall submit the inventory within 3 months of beginning operation.

(1) The inventory shall include—

(i) Mine name, MSHA mine ID number, and mine location; and

(ii) For each SCSR unit, the manufacturer, the model type, the date of manufacture, and the serial number.

(2) In the event that a change in the inventory occurs, a mine operator shall

report the change to MSHA within the quarter that the change occurs (Jan-Mar, Apr-Jun, Jul-Sep, Oct-Dec).

(b) *Reporting SCSR problems.* A mine operator shall report to MSHA any defect, performance problem, or malfunction with the use of an SCSR. The report shall include a detailed description of the problem and, for each SCSR involved, the information required by paragraph (a)(1) of this section.

(c) *Retention of problem SCSRs.* The mine operator shall preserve and retain each SCSR reported under paragraph (b) of this section for 60 days after reporting the problem to MSHA.

[71 FR 71454, Dec. 8, 2006]

**§75.1715 Identification check system.**

[STATUTORY PROVISIONS]

Each operator of a coal mine shall establish a check-in and check-out system which will provide positive identification of every person underground, and will provide an accurate record of the persons in the mine kept on the surface in a place chosen to minimize the danger of destruction by fire or other hazard. Such record shall bear a number identical to an identification check that is securely fastened to the lamp belt worn by the person underground. The identification check shall be made of a rust resistant metal of not less than 16 gauge.

**§75.1716 Operations under water.**

[STATUTORY PROVISIONS]

Whenever an operator mines coal from a coal mine opened after March 30, 1970, or from any new working section of a mine opened prior to such date, in a manner that requires the construction, operation, and maintenance of tunnels under any river, stream, lake, or other body of water, that is, in the judgment of the Secretary, sufficiently large to constitute a hazard to miners, such operator shall obtain a permit from the Secretary which shall include such terms and conditions as he deems appropriate to protect the safety of miners working or passing through such tunnels from caveins and other hazards. Such permits shall require, in accordance with a plan to be approved by the Secretary,

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that a safety zone be established beneath and adjacent to such body of water. No plan shall be approved unless there is a minimum of cover to be determined by the Secretary, based on test holes drilled by the operator in a manner to be prescribed by the Secretary. No such permit shall be required in the case of any new working section of a mine which is located under any water resource reservoir being constructed by a Federal agency on December 30, 1969, the operator of which is required by such agency to operate in a manner that protects the safety of miners working in such section from cave-ins and other hazards.

[35 FR 17890, Nov. 20, 1970, as amended at 60 FR 33723, June 29, 1995]

### **§ 75.1716-1 Operations under water; notification by operator.**

An operator planning to mine coal from coal mines opened after March 30, 1970, or from working sections in mines opened prior to such date, and in such manner that mining operations will be conducted, or tunnels constructed, under any river, stream, lake, or other body of water, shall give notice to the Coal Mine Safety District Manager in the district in which the mine is located prior to the commencement of such mining operations.

### **§ 75.1716-2 Permit required.**

If in the judgment of the Coal Mine Safety District Manager the proposed mining operations referred to in § 75.1716-1 constitute a hazard to miners, he shall promptly so notify the operator that a permit is required.

### **§ 75.1716-3 Applications for permits.**

An application for a permit required under this section shall be filed with the Coal Mine Safety District Manager and shall contain the following general information:

- (a) Name and address of the company.
- (b) Name and address of the mine.
- (c) Projected mining and ground support plans.
- (d) A mine map showing the locations of the river, stream, lake, or other body of water and its relation to the location of all working places.

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(e) A profile map showing the type of strata and the distance in elevation between the coal bed and the river, stream, lake or other body of water involved. The type of strata shall be determined by core test drill holes as prescribed by the Coal Mine Safety District Manager.

### **§ 75.1716-4 Issuance of permits.**

If the Coal Mine Safety District Manager determines that the proposed mining operations under water can be safely conducted, he shall issue a permit for the conduct of such operations under such conditions as he deems necessary to protect the safety of miners engaged in those operations.

### **§ 75.1717 Exemptions.**

[STATUTORY PROVISIONS]

No notice under § 75.1716-1 and no permit under § 75.1716-2 shall be required in the case of any new working section of a mine which is located under any water resource reservoir being constructed by a Federal agency as of December 30, 1969, and where the operator is required by such agency to operate in a manner that adequately protects the safety of miners.

### **§ 75.1718 Drinking water.**

[STATUTORY PROVISIONS]

An adequate supply of potable water shall be provided for drinking purposes in the active workings of the mine, and such water shall be carried, stored, and otherwise protected in sanitary containers.

### **§ 75.1718-1 Drinking water; quality.**

- (a) Potable water provided in accordance with the provisions of § 75.1718 shall meet the applicable minimum health requirements for drinking water established by the State or community in which the mine is located.
- (b) Where no state or local health requirements apply to drinking water or where no state or local minimum health requirements exist, drinking water provided in accordance with the provisions of § 75.1718 shall contain a minimum of 0.2 milligrams of free chlorine per liter of water.